

Electronic Patent Application Fee Transmittal

Application Number:	10500786
Filing Date:	02-Jul-2004
Title of Invention:	PULSE TUBE COOLING BY CIRCULATION OF BUFFER GAS
First Named Inventor/Applicant Name:	Ralph C. Longsworth
Filer:	Linda Chan/James Dade
Attorney Docket Number:	SHI 19.251 (310010-00106)

Filed as Large Entity

U.S. National Stage under 35 USC 371 Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	1501	1	1440	1440
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1740